

***FlyBy Math™* Alignment**
Alabama Course of Study: Mathematics
Adopted 2003

Number and Operations

Students will:

3. Solve word problems that involve decimals, fractions, or money.

- Solving word problems involving elapsed time.

***FlyBy Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

Algebra

Students will:

7. Write a number sentence for a problem expressed in words.

***FlyBy Math™* Activities**

--Represent distance, speed, and time relationships for constant speed cases using tables, bar graphs, line graphs, equations, and a Cartesian coordinate system.

Data Analysis and Probability

Students will:

14. Analyze data collected from a survey or experiment to distinguish between what the data show and what might account for the results.

- Evaluating different representations of the same data to determine how well each representation shows important aspects of the data

***FlyBy Math™* Activities**

--Conduct simulation and measurement for several aircraft conflict problems.

--Choose among tables, bar graphs, line graphs, a Cartesian coordinate system, and equations to model aircraft conflicts and predict outcomes.